

# Harrup Singh Bamrah

Ottawa, Ontario

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Software developer with a background in electronic systems. I am a Fullstack developer with an eye for design and user experience. I enjoy working with UI/UX to make sure designs are functional, accessible, and give the intended experience.

## #Skills

### Front-End

Javascript ES6 / jQuery  
CSS3 / SASS  
HTML5  
Responsive layout

### Back End

REST  
MySQL  
MongoDB  
Node.js

### Source Control

Git(Git Flow)  
Github  
Deployment Heroku  
Deployment FTP (filezilla)

### FrameWorks

React  
Bootstrap  
Adonis  
Express

### UI/UX

Prototyping  
Adobe Suite

## #Professional Experience

### Alstom Transport / Validation & Commissioning Engineer

#### Ottawa Confederation Line Project

July 2018 - Current : Ottawa, Ontario

- ↳ Analyze predetermined errors are not repeating/ vehicle built as per schematics.
- ↳ Troubleshoot test errors and write instructional reports on repair methods.
- ↳ Verify repairs conform to design schematics and specifications.
- ↳ Investigate supplier component failures and write respective documentation for substitute.

## #Projects

### Toku Social media app

- ↳ Converted PSD image to HTML/CSS.
- ↳ Custom SCSS styling written with Sass
- ↳ Executed React front-end in ES6, with Babel, Gulp, Webpack
- ↳ Node.js backend using Adonis framework and MySQL database

Live app: <https://toku-social-media.herokuapp.com/>

Source code: <https://github.com/Harrup/Toku>

### Aspiration Real Estate listing app

- ↳ Converted PSD image to HTML/CSS. SCSS styling written with Sass.
- ↳ Utilized API to connect to Node.js server and acquire data displayed to user.
- ↳ Executed React front-end in ES6 and implemented component life cycle methods to acquire data before rendering.
- ↳ Responsive layout design using media queries.

Live app: <https://aspiration-real-estate.herokuapp.com>

Source code: <https://github.com/Harrup/Aspiration>

### Craigslist-clone

- ↳ Built front-end using React, implemented React Router to render different web pages/components.
- ↳ Utilized ES6 map, filter, sort methods on Node.js based back-end server.
- ↳ Query params created on the client side, used to filter data in the backend.

Live app: <https://craigs-list-clone.herokuapp.com/ottawa>

Source code: <https://github.com/Harrup/Craigslist-clone>

## #Education

### Carleton University / Bachelor of Aerospace Engineering, Electronics and Systems

September 2013 - June 2018 : Ottawa, Ontario